

# A reception unit for performing seamless switches between video signals using a vertical blanking interval switch

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## Abstract of GB2356516

A receiver for receiving television programming is capable of performing seamless switches between separate video signals. The receiver includes a microprocessor (564) to control the selection of RF channels and two tuners (560A, 560B) for tuning to separate RF channels. Each RF channel may carry an analog signal or a digital signal. Two digital demodulators (568A, 568B) are provided, and are each connected to a respective tuner for demodulating a digital signal in the respective RF channel. Similarly, two analog demodulators (569A, 569B) are provided and are each connected to a respective tuner for demodulating an analog signal in the respective channel. A digital demultiplexer/decoder (572) is connected to receive the demodulated digital signal from the selected RF channel, to demultiplex and decompress the received digital signal and to apply the resultant signal to a digital display processor (576). An analog display processor (580) formats for display any analog signal selected and demodulated. A vertical blanking interval switch (588) is connected to the output of the digital display processor (584) and to the output of the analog display processor (580) for seamlessly switching between the video signals.

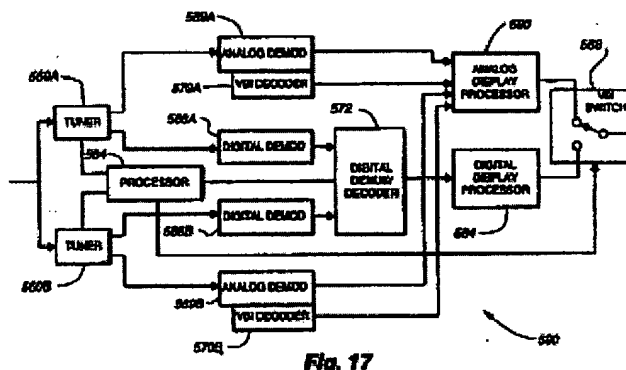


Fig. 17

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